Abstract of the Disclosure

This application focuses on the use of embedded RF to be integrated within components for the purpose of communnicating the lowest frequencies only to the subwoofer. The subwoofer is equipped with complimentary electronics allowing the reception of signals to allow an on-off control finction and the transmission of signals below 200Hz to the corresponding low frequency speaker system using RF either through the air or using a direct connection through the AC wiring (carrier current) powering the low frequency loudspeaker.

The purposes of the transmissions are to allow for a virtual link to the subwoofer allowing freedom of placement for subsequent final adjustments. Transmission of low frequency only signals assures a quality link even in the presence of noise that would otherwise destroy usefulness of communications link. The low frequency component would always be operated within the same room used by the main speakers minimizing signal degradation.